

IN THE CLAIMS:

Please cancel Claims 38 to 44 without prejudice or disclaimer of subject matter, amend Claims 45, 46 and 55 as shown below. The claims, as pending in the subject application, now read as follows:

1. to 44. (Canceled)

45. (Currently amended) An image processing system which includes a first device at least having an input unit capable of inputting image data and a communication unit capable of performing data communication, and a second device at least having a communication unit capable of performing the data communication and an output unit capable of outputting image data, said system comprising:

a remote output mode setting unit adapted to set a remote output mode for performing through said communication unit the data communication of the image data input by said first device and thus causing said second device to output the communicated image data;

a direction detection unit adapted to detect a direction of the image data input in the first device;

a transmission control unit adapted to perform control to transmit the image data to be output by said second device in the remote output mode from said first device to said second device and transmit the direction of the image data detected by said direction detection unit and an instruction of page print to the image data;

a reception control unit adapted to cause said second device to receive the image data, [[and ]]the direction of the image data and the instruction of the page print transmitted from said first device;

an image processing control unit adapted to control said second device so as to perform an image process to the image data received from said first device, according to the direction of the image data received from said first device; and

a controller adapted to synthesize a page number to the image data to which the image process was performed by said second device, and to cause said second device to perform output of the image data to which the page number has been synthesized-cause said second device to output the image data subjected to the image process by said second device.

46. (Currently amended) A control method for an image processing system which includes a first device at least having an input unit capable of inputting image data and a communication unit capable of performing data communication, and a second device at least having a communication unit capable of performing the data communication and an output unit capable of outputting image data, said method comprising:

a remote output mode setting step of setting a remote output mode for performing through the communication unit the data communication of the image data input by the first device and thus causing the second device to output the communicated image data;

a direction detection control step of detecting a direction of the image data input in the first device;

a transmission control step of performing control to transmit the image data to be output by the second device in the remote output mode from the first device to the second device

and transmit the direction of the image data detected in said direction detection control step and an instruction of page print to the image data;

a reception control step of causing the second device to receive the image data, the direction of the image data and the instruction of the page print transmitted from the first device;

an image processing control step of controlling the second device so as to perform an image process to the image data received from the first device, according to the direction of the image data received from the first device; and

a control step of synthesizing a page number to the image data to which the image process was performed by the second device, and causing the second device to perform output of the image data to which the page number has been synthesized

a control step of causing in the remote output mode the second device to output the image data transmitted from the first device, in a manner of outputting based on the direction of the image data information acquired by the first device.

47. (Previously presented) A control method according to Claim 46, wherein said control step enables to:

in a case where a first image forming mode in which an image editing process such as an image data rotation process is necessary is set in the remote output mode, execute a first sequence of causing the second device to output the image data transmitted from the first device, in the manner of outputting based on the direction of the image data acquired by the first device, and

in a case where a second image forming mode in which the image editing process such as the image data rotation process is unnecessary is set in the remote output mode, execute a second sequence of inhibiting the first sequence and causing the second device to output the image data transmitted from the first device, in a manner of outputting not based on the direction of the image data acquired by the first device.

48. (Previously presented) A control method according to Claim 46, wherein said control step enables to:

in a case where at least any one of image forming modes including a stapling mode, a page print mode, a reduction layout mode and a punching mode is set in the remote output mode, execute a first sequence of causing the second device to output the image data transmitted from the first device, in the manner of outputting based on the direction of the image data acquired by the first device, and

in a case where a non-sort mode is set in the remote output mode, execute a second sequence of inhibiting the first sequence and causing the second device to output the image data transmitted from the first device, in a manner of outputting not based on the direction of the image data acquired by the first device.

49. (Previously presented) A control method according to Claim 46, wherein:

in the remote output mode, said control step enables to output from the second device a series of image data consisting of plural pages transmitted from the first device in an image direction based on the direction of the image data acquired by the first device, and

in the remote output mode, said control step enables to selectively execute a first mode of processing the series of image data consisting of the plural pages based on the direction of the image data acquired for each page of the series of image data consisting of the plural pages, and a second mode of processing the series of image data consisting of the plural pages based on the direction of the image data of a predetermined page of the series of image data consisting of the plural pages.

50. (Previously presented) A control method according to Claim 46, wherein, in the remote output mode, said control step enables to selectively execute a first processing mode of causing the first device to generate the processed image data obtained by performing an image process based on the direction of the image data acquired by the first device to the image data input by the first device and further causing the second device to output the processed image data, and a second processing mode of causing the second device to generate the processed image data obtained by performing the image process based on the direction of the image data acquired by the first device to the image data input by the first device and further causing the second device to output the processed image data.

51. (Previously presented) A control method according to Claim 46, wherein, in the remote output mode, in a case where a series of image data consisting of plural pages transmitted from the first device is output by the second device in a manner of outputting based on the direction of the image data acquired by the first device, said control step enables to selectively execute a first transfer mode of transferring the image data in units of page from the first device to the second device, and a second transfer mode of storing all the pages of the series

of image data in the first device and then transferring in a lump the image data of all the pages from the first device to the second device.

52. (Previously presented) A control method according to Claim 46, wherein each of the first device and the second device includes an image input unit, an original direction detection unit, a storage unit capable of storing the image data of plural pages, and a printer unit.

53. (Previously presented) A control method according to Claim 46, wherein at least either one of the first device and the second device is a multifunctional apparatus which has plural functions including at least any one of a copy function, a printer function, a facsimile function, a box function and a network scanner function.

54. (Previously presented) A control method according to Claim 46, wherein at least either one of the first device and the second device is a monofunctional apparatus which at least has one of a copy function, a printer function, a facsimile function, a box function and a network scanner function.

55. (Currently amended) A computer-readable storage medium storing a computer-executable program to execute a control method for an image processing system which includes a first device at least having an input unit capable of inputting image data and a communication unit capable of performing data communication, and a second device at least having a communication unit capable of performing the data communication and an output unit capable of outputting image data, said method comprising:

a remote output mode setting step of setting a remote output mode for performing through the communication unit the data communication of the image data input by the first device and thus causing the second device to output the communicated image data;

a direction detection step of detecting a direction of the image data input in the first device; and

a control step of synthesizing a page number to the image data to which the image process was performed by said second device, and causing said in the remote output mode the second device to perform output of the image data to which the page number has been synthesized transmitted from the first device, in a manner of outputting based on the direction of the image data detected in said direction detection step.